

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007932.D
 Acq On : 28 Sep 2018 02:40
 Operator : SY/MD
 Sample : J5062-02MS
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC03MS

Quant Time: Sep 28 04:35:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 03:46:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	90098	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84960	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41832	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20698	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.59	69	20080	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.14	63	50905	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.40%
20) 2-Butanone-d5	3.96	46	65359	44.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.98%
24) Chloroform-d	4.41	84	50936	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.09	65	27477	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.10	84	96899	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.12	67	30633	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.36	98	90919	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.67	79	10026	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.14	63	47300	43.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22068	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	38484	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

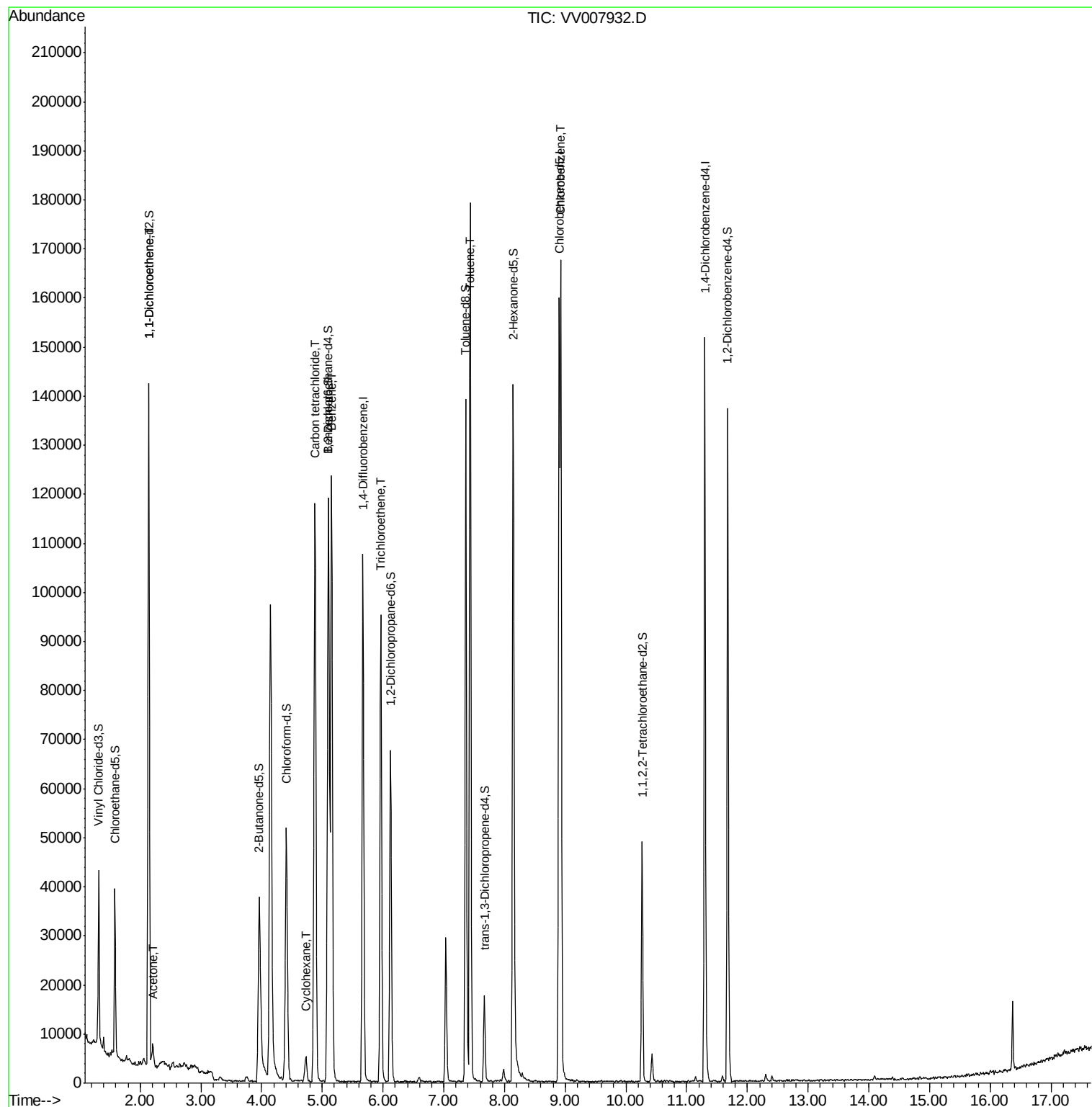
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.15	96	28413	4.771	ug/L	94
13) Acetone	2.21	43	4831	4.564	ug/L	98
30) Cyclohexane	4.73	56	2827	0.294	ug/L	95
31) Carbon tetrachloride	4.88	117	86595	9.615	ug/L	99
33) Benzene	5.15	78	118881	4.887	ug/L	100
34) Trichloroethene	5.96	95	31678	4.547	ug/L	96
42) Toluene	7.43	91	127798	4.824	ug/L	98
51) Chlorobenzene	8.93	112	85580	4.676	ug/L	99

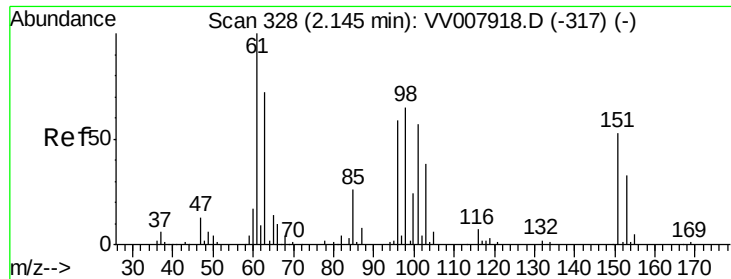
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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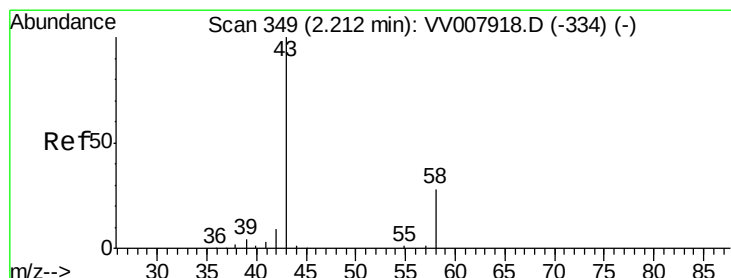
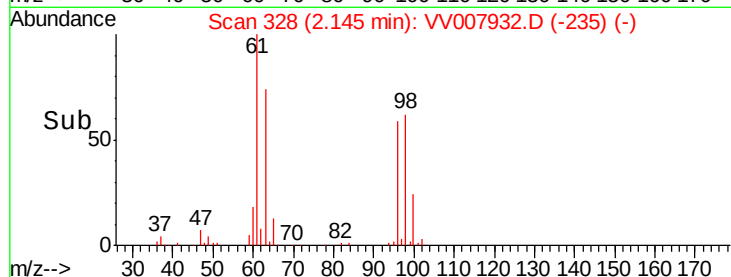
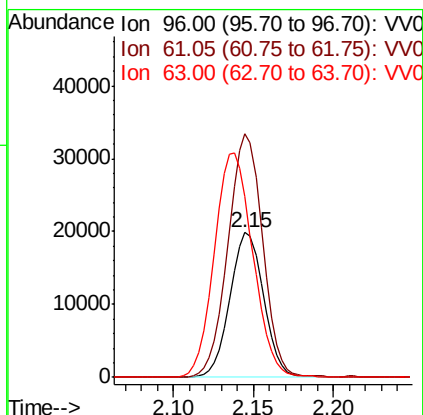
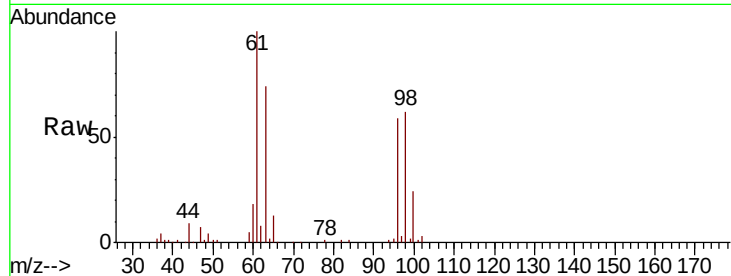




#12
 1,1-Dichloroethene
 Concen: 4.771 ug/L
 RT: 2.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VV007932.D
 Acq: 28 Sep 2018 02:40

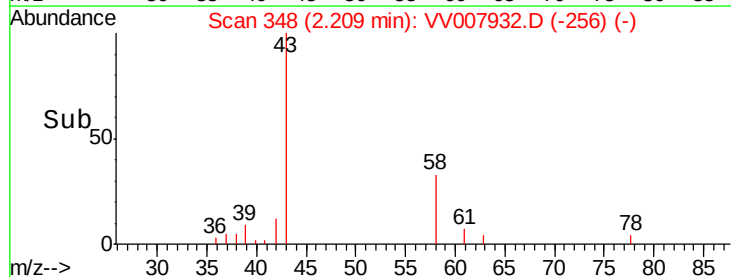
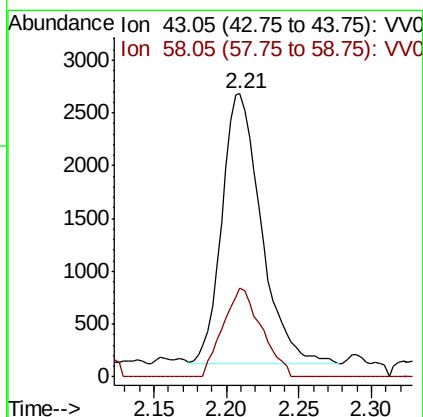
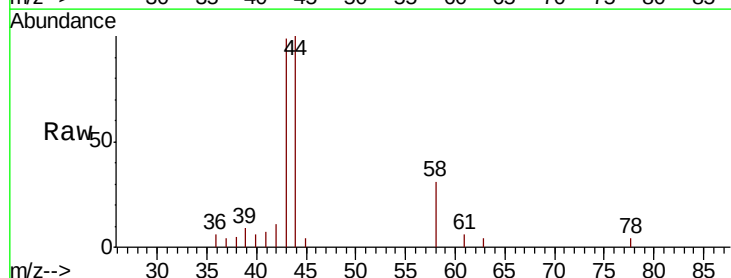
Instrument :
 MSVOA_V
 ClientSampleId :
 GAC03MS

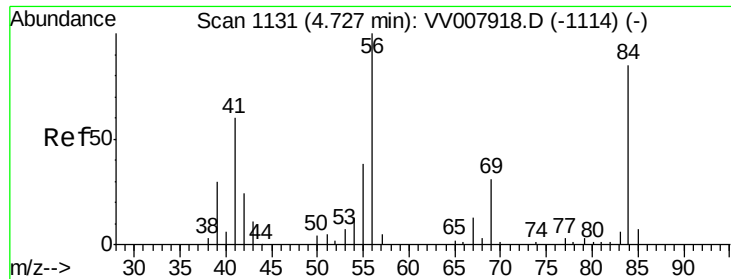
Tot Ion: 96 Resp: 28413
 Ion Ratio Lower Upper
 96 100
 61 168.4 114.1 211.9
 63 124.8 81.5 151.3



#13
 Acetone
 Concen: 4.564 ug/L
 RT: 2.21 min Scan# 348
 Delta R.T. -0.00 min
 Lab File: VV007932.D
 Acq: 28 Sep 2018 02:40

Tgt Ion: 43 Resp: 4831
 Ion Ratio Lower Upper
 43 100
 58 32.2 0.0 62.0

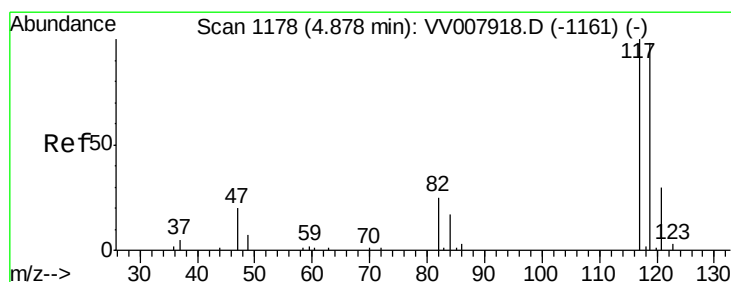
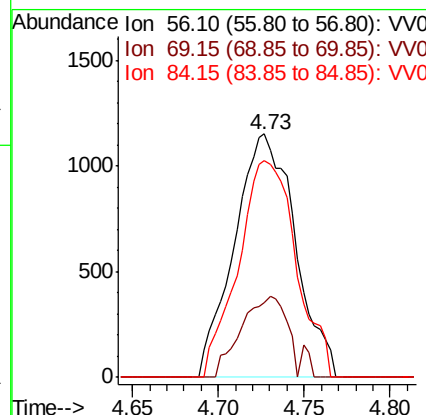
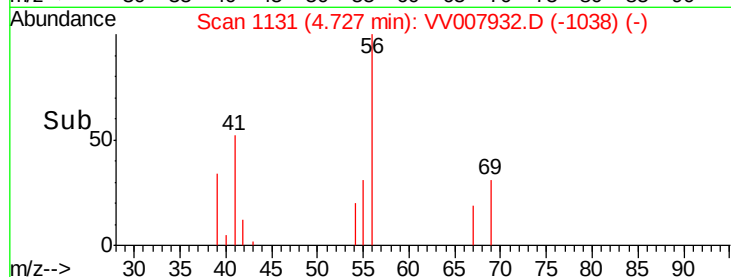
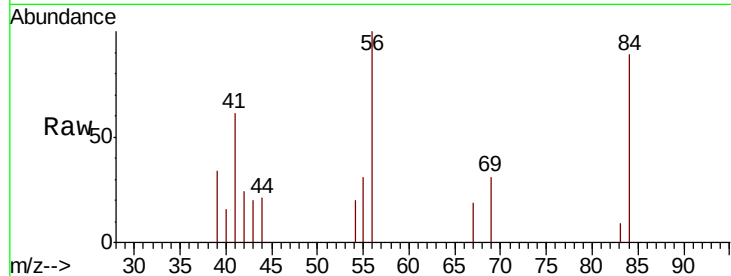




#30
Cyclohexane
Concen: 0.294 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VV007932.D
Acq: 28 Sep 2018 02:40

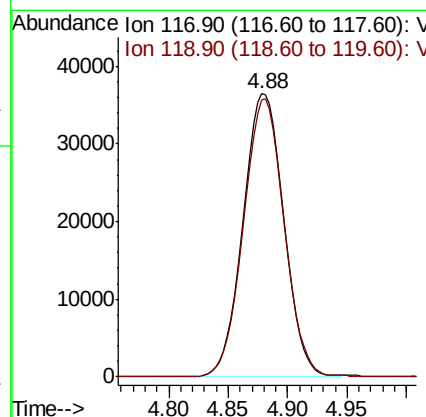
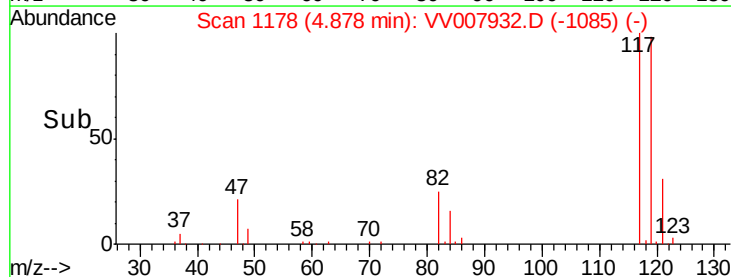
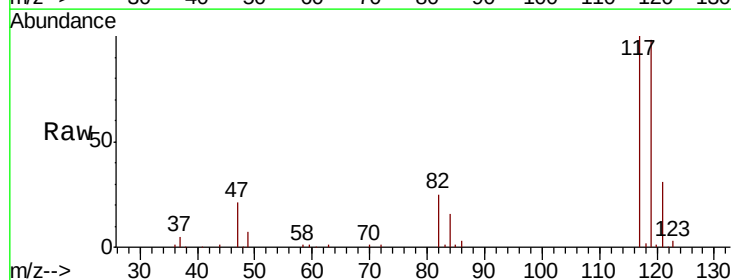
Instrument :
MSVOA_V
ClientSampleId :
GAC03MS

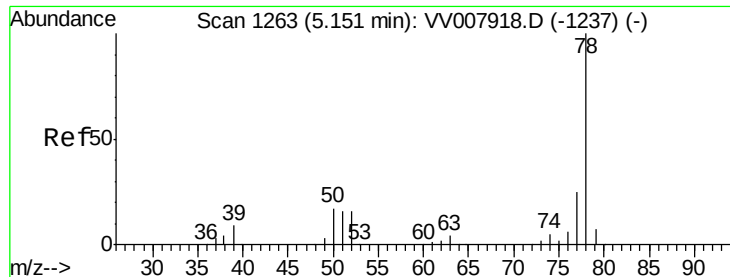
Tot Ion: 56 Resp: 2827
Ion Ratio Lower Upper
56 100
69 24.8 24.2 36.4
84 84.5 69.8 104.8



#31
Carbon tetrachloride
Concen: 9.615 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VV007932.D
Acq: 28 Sep 2018 02:40

Tgt Ion: 117 Resp: 86595
Ion Ratio Lower Upper
117 100
119 97.8 77.8 116.8





#33

Benzene

Concen: 4.887 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VV007932.D

Acq: 28 Sep 2018 02:40

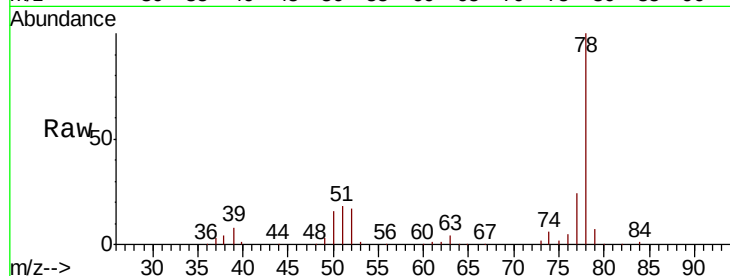
Instrument :

MSVOA_V

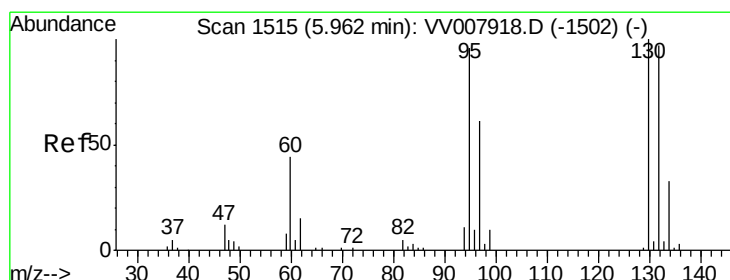
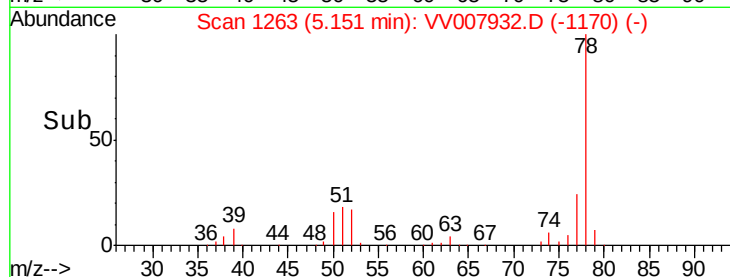
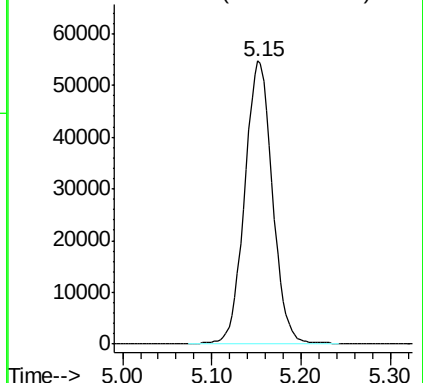
ClientSampleId :

GAC03MS

Tgt Ion: 78 Resp: 118881



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.547 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV007932.D

Acq: 28 Sep 2018 02:40

Tgt Ion: 95 Resp: 31678

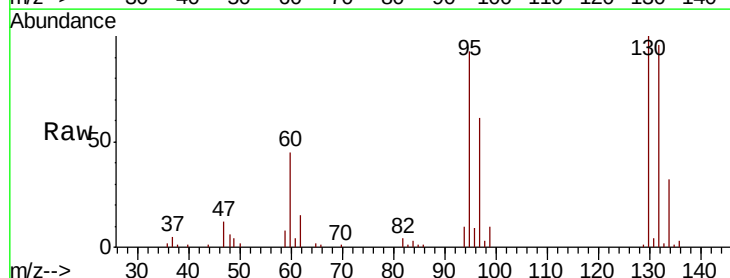
Ion Ratio Lower Upper

95 100

97 65.9 43.6 81.0

132 103.6 69.9 129.9

130 107.6 71.7 133.3

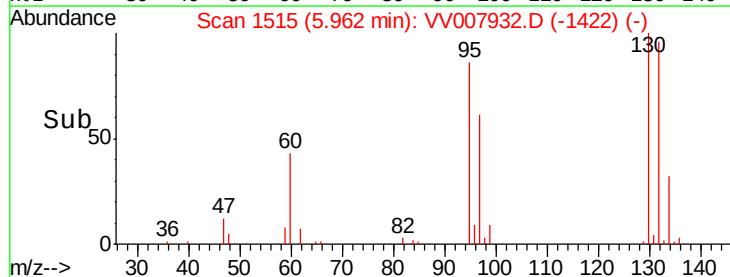
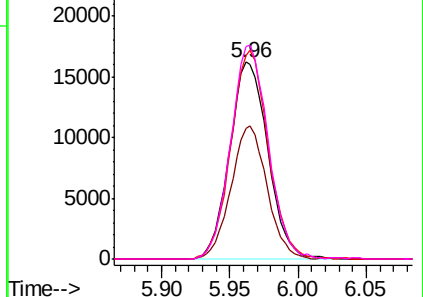


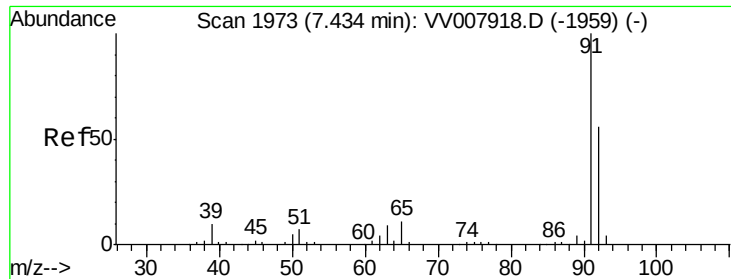
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#42

Toluene

Concen: 4.824 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV007932.D

Acq: 28 Sep 2018 02:40

Instrument :

MSVOA_V

ClientSampleId :

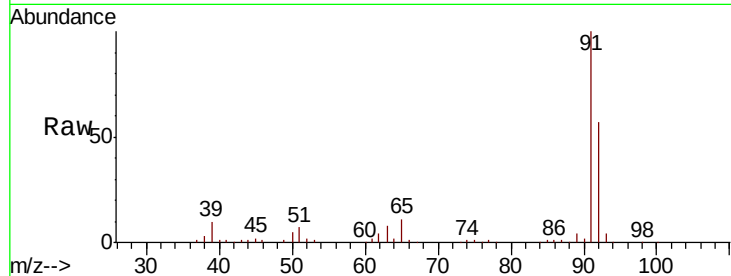
GAC03MS

Tot Ion: 91 Resp: 127798

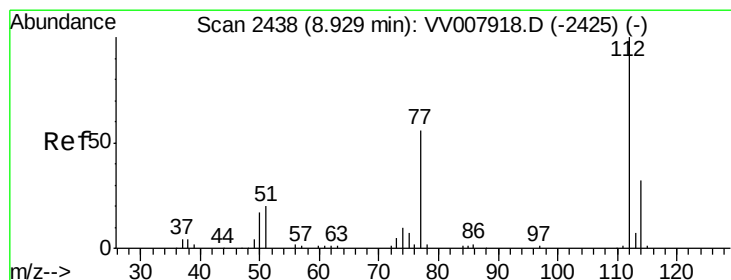
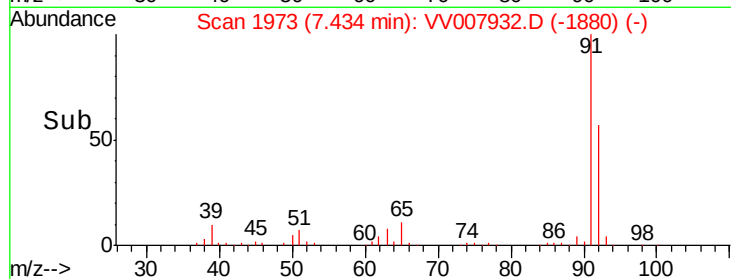
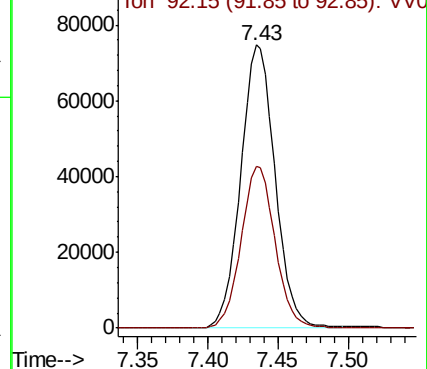
Ion Ratio Lower Upper

91 100

92 57.1 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV007918.D (-1959) (-)



#51

Chlorobenzene

Concen: 4.676 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV007932.D

Acq: 28 Sep 2018 02:40

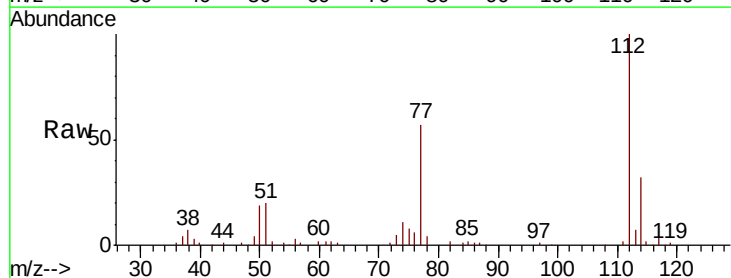
Tgt Ion: 112 Resp: 85580

Ion Ratio Lower Upper

112 100

114 32.2 22.4 41.6

77 56.7 45.0 67.6



Abundance Ion 112.10 (111.80 to 112.80): VV007918.D (-2425) (-)

